TRANSLATION PATENT COOPERATION TREATY POT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference AY05-0201W02	FOR FURTHER ACTION	See Form PCT/IPEA/416						
International application No.	International filing date (day/month/year)	Priority date (day/month/year)						
PCT/JP2005/001813	08.02.2005	01.03.2004						
		01.03.2004						
International Patent Classification (IPC) or national classification and IPC C22C19/03, B22F9/24, C23C14/34, C25C1/20, H01L21/20, H01L21/28, 21/285								
Applicant Nippon Mining & Metals Co., Ltd.								
This report is the international preling under Article 35 and transmitted to the second control of the se		International Preliminary Examining Authority						
2. This REPORT consists of a total of _	3 sheets, including	g this cover sheet.						
3. This report is also accompanied by A	NNEXES, comprising:							
a. (sent to the applicant and	to the International Bureau) a total of 1	sheets, as follows:						
sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).								
the disclosure in the	sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental							
Box.								
b (sent to the International .	Bureau only) a total of (indicate type and number	er of electronic carrier(s))						
related thereto, in computer	readable form only, as indicated in the Supple	, containing a sequence listing and/or tables						
Section 802 of the Administ	•	emental box Relating to Sequence Listing (see						
4. This report contains indications relati	ng to the following items:							
Box No. I Basis of the	report	eport						
Box No. II Priority								
Box No. III Non-establi	shment of opinion with regard to novelty, invent	tive step and industrial applicability						
Box No. IV Lack of unit	ty of invention							
BOX 110. V	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement							
Box No. VI Certain doc	Box No. VI Certain documents cited							
Box No. VII Certain defe	Box No. VII Certain defects in the international application							
Box No. VIII Certain obse	ervations on the international application							
Date of submission of the demand	Date of completion of the	uis report						
Name and mailing address of the IPEA/JP	Authorized officer	Authorized officer						
Facsimile No.	Telephone No.	Telephone No.						

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2005/001813

Box	k No. I		Basis of the report				
1.			to the language, this report is based on the internation ander this item.	nal application in the language in v	which it was filed, unless otherwise		
		which	eport is based on translations from the original langua is the language of a translation furnished for the purp international search (Rule 12.3 and 23.1(b)) publication of the international application (Rule 12.4 international preliminary examination (Rule 55.2 and/	oses of:	,		
2.	rece	iving O report): the int	gard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the goffice in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to ort): e international application as originally filed/furnished the description:				
		pages					
		pages:		_			
	\boxtimes	the cla		_			
		nos.	3–6		as originally filed/furnished		
		nos.*	1-2,7-8	as amended (together	with any statement) under Article 19		
		nos.*		received by this Authority on			
		nos.*		received by this Authority on			
		the dr	awings:				
		sheets	·		as originally filed/furnished		
		sheets	*	received by this Authority on			
	_	sheets	*	received by this Authority on _			
		a sequ	nence listing and/or any related table(s) – see Supplement	ental Box Relating to Sequence Li	sting.		
3.		The a	mendments have resulted in the cancellation of:				
			the description, pages				
		Ц	the claims, nos.				
		닏	the drawings, sheets/figs				
		님	the sequence listing (specify):				
		Ш	any table(s) related to sequence listing (specify):				
4.			report has been established as if (some of) the amend have been considered to go beyond the disclosure as fil				
		님	the description, pages				
		\sqcup	the claims, nos.				
			the drawings, sheets/figs				
		님	the sequence listing (specify):				
*	If ite	m 4 app	plies, some or all of those sheets may be marked "supe	erseded."			

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2005/001813

Box			ticle 35(2) with regard to novelty, inventive step or industrial applicability; oporting such statement	
1.	Statement			
	Novelty (N)	Claims	1-8	YES
		Claims		NO
	Inventive step (IS)	Claims	1-8	YES
		Claims		NO
	Industrial applicability (IA)	Claims	1-8	YES
		Claims		NO

2. Citations and explanations (Rule 70.7)

The inventions set forth in claims 1 to 8 are not disclosed in any of the documents that are cited in the international search report; therefore, the inventions in question are novel. In addition, the inventions set forth in claims 1 to 8 involve an inventive step in relation to the documents that are cited in the international search report. That is to say, the abovementioned documents do not disclose a Ni-Pt alloy that has a Pt content of 0.1 to 2.0% by weight and a Vickers hardness of 40 to 90; furthermore, it would not have been easy for a person skilled in the art to conceive of the feature in question.